

SEQUENCE LISTING

<110> Thulé, Peter M.
 <120> GLUCOSE SENSITIVE REGULATOR OF INSULIN TRANSCRIPTION
 <130> US 1292/01 (VA)
 <140>
 <150>
 <151>
 <160> 6
 <210> 1
 <211> 51
 <212> DNA
 <213> Rattus norvegicus
 <220>
 <221>
 <222>
 <223> STRANDEDNESS: double
 TOPOLOGY: linear

<400> SEQ ID NO: 1

catgggcgca cggggcactc ccgtggttcc tggactctgg cccccagtgt a

51

<210> 2
 <211> 219
 <212> DNA
 <213> Rattus norvegicus
 <220>
 <221>
 <222>
 <223> STRANDEDNESS: double
 TOPOLOGY: linear

<400> SEQ ID NO: 2

tcacaagcaa aacaaactta ttttgaacac ggggatccta gcacgctgcc ctgacaatca
 ttaaccctgt ctgccgagcc agcccttcat aaggccctgg gtatggccag ccagcatggt
 ccactgcccg ccgagacaca aaccagcga gcattgaaca ctgcacacgg ccatctgccc
 agagagctgt gaccaccact tccgctacta gctagccgc

60

120

180

219

<210> 3
<211> 270
<212> DNA
<213> Artificial Sequence
<220>
<221>
<222>
<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: DNA
STRANDEDNESS: double
TOPOLOGY: both

<400> SEQ ID NO: 3

```
catgggcgca cggggcactc ccgtggttcc tggactctgg cccccagtgt atcacaagca    60
aaacaaactt attttgaaca cggggatcct agcacgctgc cctgacaatc attaaccgct    120
gctgccgagc cagcccttca taaggccctg ggtatggcca gccagcatgg tccactgccc    180
gccgagacac aaaccagcg agcattgaac actgcacacg gccatctgcc cagagagctg    240
tgaccaccac ttccgctact agctagccgc    270
```

<210> 4
<211> 321
<212> DNA
<213> Artificial Sequence
<220>
<221>
<222>
<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: DNA
STRANDEDNESS: double
TOPOLOGY: both

<400> SEQ ID NO: 4

```
tacactgggg gccagagtcc aggaaccacg ggagtgcccc gtgcgcccac gtacactggg    60
ggccagagtc caggaaccac gggagtggcc cgtgcgcccac tgtcacaagc aaaacaaact    120
tattttgaac acggggatcc tagcacgctg cctgacaat cattaaccg tgctgccgag    180
ccagcccttc ataaggccct ggtatggcc agccagcatg gtccactgcc cgccgagaca    240
caaaccagc gagcattgaa cactgcacac ggccatctgc ccagagagct gtgaccacca    300
```

cttccgctac tagctagccg c

321

<210> 5

<211> 372

<212> DNA

<213> Artificial Sequence

<220>

<221>

<222>

<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: DNA

STRANDEDNESS: double

TOPOLOGY: both

<400> SEQ ID NO: 5

tacactgggg gccagagtcc aggaaccacg ggagtgcccc gtgcgcccat gtacactggg 60

ggccagagtc caggaaccac gggagtgcc cgtgcgccca tgtacactgg gggccagagt 120

ccaggaacca cgggagtgcc ccgtgcgccc atgtcacaag caaaacaaac ttattttgaa 180

cacggggatc ctagcacgct gccctgacaa tcattaaccc gtgctgccga gccagccctt 240

cataaggccc tgggtatggc cagccagcat ggtccactgc ccgccgagac acaaaccag 300

cgagcattga aactgcaca cggccatctg cccagagagc tgtgaccacc acttccgcta 360

ctagctagcc gc 372

<210> 6

<211> 423

<212> DNA

<213> Artificial Sequence

<220>

<221>

<222>

<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: DNA

STRANDEDNESS: double

TOPOLOGY: both

<400> SEQ ID NO: 6

catgggcgca cggggcactc ccgtggttcc tggactctgg cccccagtgt acatgggcg 60

acggggcact cccgtggttc ctggactctg gccccagtg tacatgggcg cacggggcac	120
tcccgtggtt cctggactct ggccccagt gtacatgggc gcacggggca ctcccgtggt	180
tcctggactc tggccccag tgtatcaca gcaaaacaaa cttattttga acacggggat	240
cctagcacgc tgccctgaca atcattaacc cgtgctgccg agccagccct tcataaggcc	300
ctgggtatgg ccagccagca tgggtccactg cccgccgaga cacaaacca gcgagcattg	360
aacactgcac acggccatct gccagagag ctgtgaccac cacttccgct actagctagc	420
cgc	423

05972946-404004